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- Administrative Management, 51 Madison Ave., New York, NY 10010
Advanced Management Journal, 135 W. 50th St., New York, NY 10020
AEDS Journal, Association for Educational Data Systems, 1201 16th St. NW, Washington, DC 20036
AEDS Monitor, Association for Educational Data Systems, 1201 16th St. N.W., Washington, DC 20036
AIIE Transactions, 25 Technology Park/Atlanta, Norcross, GA 30071
American City & County, Berkshire Common, Pittsfield, MA 01201
American Gas Association Monthly, 1515 Wilson Blvd., Arlington, VA 22209
American Laboratory, International Scientific Communications, Inc., 808 Kings Highway, Fairfield, CT 06430
American Scientist, 345 Whitney Ave., New Haven, CT 06511
Annals of Economic and Social Measurement, Dept. of Economics, University of Florida, Gainesville, FL 32601
Armed Forces Comptroller, Box 68, Arlington, VA 22210
Arthur Young Journal, 277 Park Avenue, New York, NY 10017
Australian Computer Journal, P.O. Box 147, St. Leonards, NSW 2065, Australia
Automatic Data Processing Newsletter, Management Science Publishing, The Diebold Group, Inc., 430 Park Ave., New York, NY 10022
Automation, Penton Publishing Company, Penton Plaza, 1111 Chester Ave., Cleveland, OH 44114
Autotransaction Industry Report, International Data Corp., P.O. Box 915, Waltham, MA 02154
Bank Administration, 303 S. Northwest Highway, P.O. Box 500, Park Ridge, IL 60068
Bank Automation Newsletter, Warren, Gorham & Lamont, Inc., 89 Beach St., Boston, MA 02111
Bank Systems & Equipment, Gralla Publications, 1515 Broadway, New York, NY 10036
Bankers Monthly, 601 Skokie Blvd., Northbrook, IL 60062
Banking, 350 Broadway, New York, NY 10013
Bell Laboratories Record, 600 Mountain Ave., Murray Hill, NJ 07974
Best's Review (Life & Health; Property & Liability), Columbia Turnpike, Box 232, Rensselaer, NY 12144
Bottomline, International Computer Programs, Inc., 1119 Keystone Way, Carmel, IN 46032
Bulletin of American Society for Information Sciences, 1155 16th St. NW, Suite 210, Washington, DC 20036
Burroughs Clearing House, P.O. Box 418, Detroit, MI 48232
Business Graphics, 7373 N. Lincoln Ave., Chicago, IL 60646
Business Horizons, Graduate School of Business, Indiana University, Bloomington, IN 47401
CA Magazine, Canadian Institute of Chartered Accountants, 250 Bloor St., Toronto M4W 1G5, Ontario, Canada
California Management Review, 350 Barrows Hall, University of California, Berkeley, CA 94720
Canadian DataSystems, Maclean-Hunter Ltd., 481 University Ave., Toronto, Ontario M5W 1A7, Canada
Chain Store Age Executive, Lebhar-Friedman Inc., 2 Park Ave., New York, NY 10016
CIPS Computer Magazine, Canadian Information Processing Society, Whitson Publishing Ltd., 212 King St. W., Suite 501, Toronto, Ontario M5H 1K5, Canada
Cities & Villages, 41 S. High St., Suite 105, Columbus, OH 43215
Columbia Journal of World Business, 408 Uris Hall, Columbia University, New York, NY 10027
Commerce Today, U.S. Dept. of Commerce, Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402
Communications, 1900 W. Yale St., Englewood, CO 80110
Communications of the ACM, Association for Computing Machinery, 1133 Ave. of the Americas, New York, NY 10036
Computer, IEEE Computer Society, 5855 Naples Plaza, Rm. 301, Long Beach, CA 90803
Computer Bulletin, The British Computer Society, Ltd., 29 Portland Pl., London W1N 4HV, England
Computer Communication Review, SIGCOMM (ACM), 1133 Ave. of the Americas, New York, NY 10036

- Computer Decisions, 50 Essex St., Rochelle Park, NJ 07662
 Computer Design, 221 Baker Ave., Concord, MA 01742
 The Computer Journal, The British Computer Society, c/o Wm. Dawson & Sons, Ltd., Cannon House, Folkestone, Kent, England
 Computer Law and Tax Report, Warren, Gorham & Lamont Inc., 210 South St., Boston, MA 02111
 Computer Personnel, SIGCPR (ACM), 1133 Ave. of the Americas, New York, NY 10036
 Computers & Operations Research, Pergamon Press, Headington Hill Hall, Oxford OX3 0BW, England
 Computers & People, Berkely Enterprises, Inc., 815 Washington St., Newtonville, MA 02160
 Computers & Society, Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036
 Computerworld, 797 Washington St., Newton, MA 02160
 Computing (Europe), British Computer Society, Haymarket Publishing Ltd., Craven House, Fouberts Place, London W1A 2HG, England
 Computing Newsletter, Cragmor Road, Colorado Springs, CO 80907
 Computing Surveys, ACM, 1133 Ave. of the Americas, New York, NY 10036
 Conference Board Record, P.O. Box 908, F.D.R. Station, New York, NY 10022
 Control Engineering, 222 S. Riverside Plaza, Chicago, IL 60606
 Coopers & Lybrand Journal, 1251 Ave. of the Americas, New York, NY 10020
 Cost & Management, Society of Industrial Accountants of Canada, Box 176, Hamilton, Ontario L8N 3C3, Canada
 Credit & Financial Management, 475 Park Ave. So., New York, NY 10016
 The Credit World, International Consumer Credit Association, 375 Jackson Ave., St. Louis, MO 63130
 Data Base, SIGBDP (ACM), 1133 Ave. of the Americas, New York, NY 10036
 The Data Communications User, DataComm User, Inc., 60 Austin St., Newtonville, MA 02160
 Data Entry Awareness Report, Management Information Corp., 140 Barclay Center, Cherry Hill, NJ 08034
 Data Exchange, Diebold Europe S.A., 55a Catherine Place, London SW1 E6DY, England
 Data Management, Data Processing Management Assoc., 505 Busse Highway, Park Ridge, IL 60068
 Data Processing, IPC Electrical-Electronic Press, Ltd., Dorset House, Stamford St., London SE1 9LU, England
 Data Processor, 1133 Westchester Ave., White Plains, NY 10604
 Data Systems, Embankment Press Ltd., Hutton House, Hutton St., London EC4, England
 Database Journal, 322 St. John St., London EC1V 4QH, England
 Datamation, 1801 S. La Cienega Blvd., Los Angeles, CA 90035
 Datapro Research Corporation, 1805 Underwood Blvd., Delran, NJ 08075
 Department Store Economist, 48 E. 43rd St., 4th Floor, New York, NY 10017
 Dimensions NBS, Supt. of Documents, U.S. Gov't Printing Office, Washington, DC 20402
 Dun's Review, 666 Fifth Ave., New York, NY 10019
 Editor and Publisher, 850 Third Ave., New York, NY 10022
 EDP Analyzer, 925 Anza Ave., Vista, CA 92083
 EDP Auditor, 10964 Stuart Mill Road, Oakton, VA 22124
 EDP Europa Report, IDC Europa Ltd., 140-146 Camden St., London NW1 9PF, England
 EDP Industry Report, 214 Third Ave., Waltham, MA 02154
 EDP Performance Review, Applied Computer Research, 8808 N. Central Ave., Suite 298, Phoenix, AZ 85020
 EDPACS, Automation Training Center, 11250 Roger Bacon Dr., Suite 17, Reston, VA 22090
 Electronics, 1221 Ave. of the Americas, New York, NY 10020
 FDT, SIGMOD, ACM, 1133 Ave. of the Americas, New York, NY 10036
 The Federal Accountant, 727 S. 23rd St., #120, Arlington, VA 22202
 Finance, P.O. Box G, Lennox Hill Station, New York, NY 10021
 Forbes, 60 Fifth Ave., New York, NY 10011
 Government Data Systems, United Business Publications, Inc., 750 Third Ave., New York, NY 10017
 Government Executive, Executive Publications, Inc., 1725 K St. N.W., Washington, DC 20006
 Graphic Arts Monthly, 222 S. Riverside Plaza, Suite 1500, Chicago, IL 60606
 Graphic Communications Weekly, Technical Information Inc., P.O. Box 775, So. Lake Tahoe, CA 95705
 Harvard Business Review, Soldiers Field Station, Boston, MA 02163
 Hospital Administration, 840 N. Lake Shore Dr., Chicago, IL 60611
 Hospital Progress, 1438 S. Grand Blvd., St. Louis, MO 63104
 Hospitals, 840 N. Lake Shore Drive, Chicago, IL 60611
 IBM Journal of Research and Development, Armonk, NY 10504
 IBM Systems Journal, Armonk, NY 10504
 IEEE Spectrum, 345 E. 47th St., New York, NY 10017
 IEEE Transactions on Systems, Man, and Cybernetics, 345 E. 47th St., New York, NY 10017
 IMC Journal, International Micrographic Congress, Information and Records Management, Inc., 250 Fulton Ave., Hempstead, NY 11550
 Industrial Design, One Astor Plaza, 1515 Broadway, 39th Floor, New York, NY 10036
 Industrial Engineering, 25 Technology Park, Norcross, GA 30071
 Industrial Research, 222 S. Riverside Plaza, Chicago, IL 60606
 INFOR, P.O. Box 2225, Station D, Ottawa, Ontario, Canada
 Information and Records Management, 250 Fulton Ave., Hempstead, NY 11550
 Information Retrieval and Library Automation, Lomond Systems, Inc., Mt. Airy, MD 21771
 The Information Scientist, Journal of the Institute of Information Scientists, 657 High Road, Tottenham, N17 8AA, England
 Infosystems, Hitchcock Bldg., Wheaton, IL 60187
 Infotech Ltd., Nicholson House, High St., Maidenhead, Berkshire, England
 Installation Management Review, SIGCOSIM (ACM), 1133 Ave. of the Americas, New York, NY 10036
 Instrumentation Technology, 400 Stanwix St., Pittsburgh, PA 15222
 Instruments & Control Systems, Chilton Company, Chilton Way, Radnor, PA 19089
 Interface, Xerox Data Systems, 701 S. Aviation Blvd., El Segundo, CA 90245
 Interfaces, Bulletin of The Institute of Management Sciences, 146 Westminster St., Providence, RI 02903
 Interpreter, Insurance Accounting & Statistical Association, 406 W. 34th St., Kansas City, MO 64111
 Journal of Accountancy, 1211 Ave. of the Americas, New York, NY 10036
 Journal of ACM, Association for Computing Machinery, 1133 Ave. of the Americas, New York, NY 10036
 Journal of American Society for Information Science, 1140 Connecticut Ave. N.W., Suite 804, Washington, DC 20036
 Journal of Bank Research, 303 So. Northwest Hwy., P.O. Box 500, Park Ridge, IL 60068
 Journal of Business, School of Business, University of Chicago Press, 5801 Ellis Ave., Chicago, IL 60637
 Journal of Business Education, 4000 Albemarle N.W., Suite 302, Washington, DC 20016
 Journal of Documentation, 3 Belgrave Sq., London SW1 X8PL, England
 Journal of Educational Data Processing, P.O. Box 2995, Stanford, CA 94305

- Journal of Micrographics, 8728 Colesville Rd., Suite 1101, Silver Spring, MD 20910
- Journal of Quality Technology, 161 W. Wisconsin Ave., Milwaukee, WI 53203
- Journal of Systems Management, Association for Systems Management, 24587 Bagley Rd., Cleveland, OH 44138
- Jurimetrics Journal, 1155 E. 60th St., Chicago, IL 60637
- The Larbridge Letter, P.O. Box 855, Tustin, CA 92680
- Law & Computer Technology, World Peace Through Law Center, 839 17th St. N.W., Hill Bldg., Washington, DC 20006
- Law Office Economics and Management, Callaghan & Co., 6141 N. Cicero Ave., Chicago, IL 60646
- Management Accounting, National Assoc. of Accountants, 919 Third Ave., New York, NY 10022
- Management Accounting (G.B.), Inst. of Cost and Management Accountants, 63 Portland Place, London W1N 4AB, England
- Management Controls, Peat, Marwick & Mitchell, 345 Park Ave., New York, NY 10022
- Management Datamatics, Academic Book Services, P.O. Box 66, Groningen, Holland
- Management Science, TIMS, 146 Westminster St., Providence, RI 02903
- Manufacturing Engineering, Society of Manufacturing Engineers, 20501 Ford Road, Dearborn, MI 48128
- Minicomputer News, Benwill Publishing Corp., 167 Corey Road, Brookline, MA 02146
- Modern Data, P.O. Box 369, 5 Kane Industrial Dr., Hudson, MA 01749
- Modern Materials Handling, 221 Columbus Ave., Boston, MA 02116
- Modern Railroads, Cahners Publishing Co., 5 South Wabash Ave., Chicago, IL 60603
- Nation's Cities, National League of Cities, 1620 Eye St. N.W., Washington, DC 20006
- Nation's Schools Report, 230 W. Monroe St., Chicago, IL 60606
- NZ Data Processing, 4th Estate Publishing Co., P.O. Box 1449, Wellington, New Zealand
- The Office, Office Publications, Inc., 1200 Summer St., Stamford, CT 06904
- Omega, International Journal of Management Science, Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW
- On-Line, Computer Industry Association, 1911 N. Ft. Meyer Dr., Suite 801, Rosslyn, VA 22209
- Operating Systems Review, SIGOPS (ACM), 1133 Ave. of the Americas, New York, NY 10036
- Operations Research, ORSA, 428 E. Preston St., Baltimore, MD 21202
- Optimum, Bureau of Management Consulting, Room 636, Journal Bldg., Place de Ville, Ottawa K1A 0T5, Ontario, Canada
- Payment Systems Newsletter, 90 Park Ave., New York, NY 10016
- Performance Evaluation Review, SIGMETRICS (ACM), 1133 Ave. of the Americas, New York, NY 10036
- Personnel Journal, 1131 Olympic Blvd., Santa Monica, CA 90404
- Perspective, Laventhol & Horwath, 1845 Walnut St., Philadelphia, PA 19103
- Popular Computing, Box 272, Calabasas, CA 91302
- The Practical Lawyer, 4025 Chestnut St., Philadelphia, PA 19104
- Price Waterhouse Review, 1251 Ave. of the Americas, New York, NY 10020
- Public Personnel Management, International Personnel Management Assoc., 1313 E. 60th St., Room 240, Chicago, IL 60637
- Public Power, 2600 Virginia Ave. N.W., Suite 212, Washington, DC 20037
- Publishers' Weekly, 1180 Ave. of the Americas, New York, NY 10036
- Purchasing, Cahners Building, 221 Columbus Ave., Boston, MA 02116
- Quality Progress, American Society for Quality Control, 161 W. Wisconsin Ave., Milwaukee, WI 53203
- Railway Age (formerly Railway System Controls), 350 Broadway, New York, NY 10013
- Records Management Journal Quarterly, Assoc. of Records Managers and Administrators, Inc., P.O. Box 4259 Grand Central Station, New York, NY 10017
- Retail Control, National Retail Merchants Assoc., 100 W. 31st St., New York, NY 10001
- Savings and Loan News, 111 E. Wacker Dr., Chicago, IL 60601
- Science, American Assoc. for Advancement of Science, 1515 Massachusetts Ave., N.W., Washington, DC 20005
- Scientific American, 415 Madison Ave., New York, NY 10017
- SIGPLAN Notices, ACM, 1133 Ave. of the Americas, New York, NY 10036
- Simulation, Society for Computer Simulation, P.O. Box 2228, La Jolla, CA 92038
- Simulation in the Service of Society, P.O. Box 994, La Jolla, CA 92037
- Simulation Today, P.O. Box 2228, La Jolla, CA 92037
- Sloan Management Review, Sloan School of Management, Massachusetts Institute of Technology, Cambridge, MA 02139
- Small Business Computer News, Management Information Corp., 140 Barclay Center, Cherry Hill, NJ 08034
- Software Practice & Experience, John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex, England
- Software World, 322 St. John St., London EC1V 4QH, England
- Stores, National Retail Merchants Assoc., 100 W. 31st St., New York, NY 10001
- System/3 World, Informatics Inc., 21050 Vanowen St., Canoga Park, CA 91303
- Systems, Technology & Science for Law Enforcement and Security, Lomond Systems, Inc., Mt. Airy, MD 21771
- Technology Review, M.I.T., Room E19-430, Cambridge, MA 02139
- Telecommunications, Horizon House, 610 Washington St., Dedham, MA 02026
- Thruput, Association of Computer Programmers and Analysts, P.O. Box 95, Kensington, MD 20995
- Tooling and Production, Huebner Publications, Inc., 5821 Harper Road, Solon, OH 44139
- Traffic Engineering, 1815 N. Ft. Meyer Dr., Suite 905, Arlington, VA 22209
- Traffic Management, Cahners Publishing Co., 205 E. 42nd St., New York, NY 10017
- Trusts & Estates, 461 Eighth Ave., New York, NY 10001
- UNISIST Newsletter, Division of Scientific and Technological Information and Documentation, UNESCO, 7, Place de Fontenoy, 75700 Paris, France
- U.S. News & World Report, 2300 N St., N.W., Washington, DC 20037
- Visible Language, The M.I.T. Press, Cambridge, MA 02142

